

50X1-HUM

CLASSIFICATION S-E-C-R-E-T  
SECURITY INFORMATION  
CENTRAL INTELLIGENCE AGENCY  
INFORMATION FROM  
FOREIGN DOCUMENTS OR RADIO BROADCASTS

|        |  |  |
|--------|--|--|
| REPORT |  |  |
| CD NO. |  |  |

COUNTRY USSR

SUBJECT Scientific - Medicine, biology, microbiology

HOW PUBLISHED Monthly periodical

WHERE PUBLISHED Moscow

DATE PUBLISHED May 1951

LANGUAGE Russian

DATE OF INFORMATION 1951

DATE DIST. 3 Dec 1952

NO. OF PAGES 16

SUPPLEMENT TO REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVEALATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Mikrobiologiya, Vol XX, No 5, 1951, pp 478-488.

#### SOVIET BIBLIOGRAPHY OF MICROBIOLOGY

*[Comment: The following list of Soviet articles and books on microbiology includes only those of the original list published in journals not available in the US or not easily accessible outside the USSR.]*

According to the Soviet editor, the original bibliography was compiled under the direction of T. K. Lepin, Doctor of Biological Sciences, by the Library, Biological Sciences Division, Academy of Sciences USSR.

*It will be noted that in some instances the author's name was omitted in the original.]*

#### GENERAL MICROBIOLOGY

Abashidze, N. A., Bystryy, N. F., and Bakhtadze, T. K., "The Utilization of Meat Hydrolysates in the Production of a Bacteriophage," Trudy Tbilisi NII Mikrobiol Epidemiol i Bakteriol (Works of the Tbilisi Scientific-Research Institute of Microbiology, Epidemiology, and Bacteriophages), 1950, Vol II, pp 103-106.

Agarkov, V. A., "Parasitization of the Botrytis Fungus on Buckwheat and Espanette," Selekts i semenovod (Selection and Seed Growing), 1950, No 10, p 6.

Azaryan, E. Kh., and Karagulyan, S. A., "A Study of the Root-Bulb Bacteria of Beans Prevalent in Armenian SSR," Iz Ak Nauk Arm SSR (Reports of the Academy of Sciences Armenian SSR), 1950, Vol III, pp 217-226, illustrated.

- 1 -

CLASSIFICATION S-E-C-R-E-T

| STATE | HAVY  | NSRB  | DISTRIBUTION |  |  |  |  |  |  |
|-------|-------|-------|--------------|--|--|--|--|--|--|
| ARMY  | X AIR | X FBI |              |  |  |  |  |  |  |

S-E-C-R-E-T

50X1-HUM

Antadze, V. S., Chanishvili, T. G., and Mansagadze, Ye. A., "The Influence of Concentration of Phagolysate (Bacteriolysate) on the Biological Characteristics of a Bacteriophage," Trudy Tbilis NII Mikrobiol, Epidemiol i Bakteriol 1950, Vol II, pp 132-135.

Arkhangel'skiy, I. I., and Antonov, V. K., "On the Problem of Variability of the Anthrax Bacillus," Iz Ak Nauk Kazakh SSR, (Reports of the Academy of Sciences Kazakh SSR), 1950, No 6, pp 11-17.

Arkhangel'skiy, I., and Arkhangel'skaya, V., et al., "On the Problem of Variability of the Anthrax Bacillus," Iz Ak Nauk Kazakh SSR, 1950, No 6, pp 18-21.

Znamenskiy, A. G., Kalinin, Rosenberg, and Lebedev, "Georgiy Dmitriyevich Belonovskiy (Microbiologist, 1875-1950, Obituary)," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 10, pp 3-5, with portrait.

Belyayev, M. A., "Georgiy Gambrichevskiy," Materialy po Istorii Biologii i Meditsiny (Materials on the History of Biology and Medicine), Instruction Manual, Texts for Students and Nonmatriculated Students in the Naval Medical Academy, Issue 2, Leningrad, Naval Medical Academy, 1950, 19 pp.

Bessmertnyy, B. S., "The Founder of Virus Science, D. I. Ivanovskiy; On the Thirtieth Anniversary of His Death," Arkhiv Patologii (Archive of Pathology), 1950, Issue 6, pp 59-61.

Bilay, V. I., "Toxic Species of Fusarium on the Grain of Cereal Plants in the Ukrainian SSR," Mikrobiol Zhur (Microbiological Journal), Kiev, 1951, Vol XIII, No 1, pp 83-93.

Bobchenko, Ye. S., "Staphylococci Naturally Immune to Penicillin, Report 1, The Immunity of Staphylococci to Penicillin," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 3, pp 91-94.

Bryzgunova, Ye. V., "The Phasic Development and Variability of Microorganisms, Report VII, The Formation of Filterable Forms of Bacteria in Cultures on Liquid and Solid Nutritive Media," Zhur Mikrobiol, Epidemiol i Immunobiol, 1951, No 2, pp 24-26.

Bulatova, A. S., "The Influence of Phenol and Mercuric Chloride on the Respiration of 'Quiescent' Bacilli Coli," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 9, pp 22-26.

Buyanov, A., "The Energy of Microbes," Tekhnika Molodezhi (Technology for Youth), 1950, No 6, pp 19-22, 32.

Vasilenko, A. G., "Directed Variability of Microorganisms, Report II, Dependence of Antagonism and Satellitism in the Sporous Aerobes on Phases of Microbe Dissociation," Zhur Mikrobiol, Epidemiol i Immunobiol, 1951, No 2, pp 18-21.

Vasil'yevskiy, N. I., and Karakulin, B. P., Parasitnye Nesovershennyye Griby (Parasitic Imperfect Fungi), Part 2, Melanconiales, Moscow/Leningrad, Press and First Printing Plant of the Academy of Sciences USSR in Leningrad, 1950, 680 pp., illustrated, two portrait plates.

"Voytkevich, A. F. (Microbiologist, 1876-1950, Obituary)," Molochnaya Prom (Dairy Industry), 1951, No 1, pp 46-47.

S-E-C-R-E-T

50X1-HUM

Vyaseleva, S. M., "Variability of the Diphtheria Bacillus Under the Influence of Antibiotics," Zhur Mikrobiol, Epidemiol, i Immunobiol, 1950, No 2, pp 18-19.

Gasparyan, I. G. Probema Tipov Tuberkulezny Palochki v Uzbekistane. Minis-  
terstvo Zdravookhraneniya Uzbek SSR. Uzbek Nauchno-Issled Tuberkuleznyy  
Inst, (The Problem of Types of Tuberculosis Bacilli in Uzbekistan. Pub-  
lic Health Ministry Uzbek SSR, Uzbek Tuberculosis Scientific Research In-  
stitute, 183 pp, 4 plates.

Gimmel'farb, Ya. K., "D. K. Zabolotnyy in Odessa (Microbiologist and Epidemi-  
ologist; On the Twentieth Anniversary of His Death)," Vrachebnoye Delo  
(Medical Affairs), 1950, No 1, pp 13-14.

Grashchenkov, N. I., "Academician D. K. Zabolotnyy -- Distinguished Russian  
Epidemiologist; Contribution to the History and Priority of Native Science,"  
(Paper presented at the Conference of the Institute of Theoretical Medicine  
of the Academy of Sciences Belorussian SSR, the Belorussian Institute of  
Microbiology and Epidemiology, and the Republic Division of the All-Union  
Society of Microbiologists, Epidemiologists, and Specialists on Infectious  
Diseases. Dedicated to the Twentieth Anniversary of the Death of D. K.  
Zabolotnyy, 2 February 1950), Iz Ak Nauk Belorus SSR, (Reports of the  
Academy of Sciences Belorussian SSR), 1950, No 3, pp 79-88.

Gurinovich, Ye. S., "On the Nature of the Morphological and Cultural Features  
of Certain Phytopathogenic Bacteria," Iz Ak Nauk Belorus SSR, 1949, No 6,  
pp 139-143.

Gurinovich, Ye. S., "A Comparative Study of the Antigenic Characteristics of  
Certain Representative Phytopathogenic Bacteria," Iz Ak Nauk Belorus SSR,  
1950, No 6, pp 143-157.

Doroshkevich, A. A., "The Phasic Development and Variability of Microorgan-  
isms," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 6, pp 75-77.

Drabkina, A. V., "The Morphology and Cultural-Biochemical Characteristics of  
Enterococci," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 1, pp 39-

Dyachenko, S. S., "Academician D. K. Zabolotnyy (Microbiologist and Epidemiolo-  
gist; On the Twentieth Anniversary of His Death)," Vrachebnoye Delo, 1950,  
No 1, pp 3-8.

Zhuravskiy, G. I., "Sporogenesis of the Fungus Asp. niger on Beerwort, in Re-  
lationship to the Increase of Osmotic Pressure," Trudy V-S NII Konditer  
Prom (Works of the All-Union Scientific Research Institute of the Con-  
fectionery Industry), 1951, Issue 7, pp 123-135.

Zhuravskiy, G. I., and Terent'yeva, O. F., "A Composite Nutrient Medium Which  
Stimulates Prolific Sporogenesis in the Fungus Asp. niger," Trudy v-s NII  
Konditer Prom, 1951, Issue 7, pp 136-146.

Zabolotnyy, D., "The Autobiography of Academician Danil Kirillovich Zabolotnyy  
(Microbiologist and Epidemiologist, Published in Ogonek, 1925)," Vracheb-  
noye Delo, 1950, No 1, pp 1-4.

"General Problems in Agricultural and Industrial Microbiology at the Academy of  
Sciences Kazakh SSR," Iz Ak Nauk Kazakh SSR, Ser Mikrobiol, (Microbiologi-  
cal Series), 1949, Issue 1, pp 3-7.

S-E-C-R-E-T

50X1-HUM

Zaprometov, N. G., "Hibernation of the Causative Agent of Oidium in Uzbekistan Grapes," Vinodeliye i Vinogradarstvo SSSR, (Viniculture and Viticulture USSR), 1951, No 4, pp 42-43.

Zbarskiy, B. I., Etingof, R. N., and Marmalevskaya, L. Ya., "On the Mechanism of the Action of Phenyluretan on Bacteria," Voprosy Med Khimii, (Problems in Medical Chemistry), 1950, Vol II, pp 211-223.

Zerova, M. Ya., "Scleroderma verrucosum (Wail.) Pers., One of the Mycorrhizal Fungi of Tree Varieties in the Steppe Environment of the Ukrainian SSR," Botan Zhur (Botanical Journal), Kiev, 1951, Vol VII, No 4, pp 90-95.

Ibragimov, G. R., "A Study of the Specialization of Certain Anthracnose Fungi on Bean, Squash, and Potato Crops," Iz Ak Nauk SSR, (Reports of the Academy of Sciences Azerbaydzhan SSR), 1950, No 6, pp 80-90.

Ivanov, N., "In the Laboratory of G. M. Bosh'yan (Microbiologist)," Ogonek, 1950, No 26, p 11.

Ivanova, V., "New Achievements in Soviet Biology (The Work of O. B. Lepenskiy and G. M. Bosh'yan)," Spisok Literatury (Literature Register), Gor'kiy, 1950, p 7.

Iyerusalimskiy, N. D., "Apropos of G. M. Bosh'yan's Book 'On the Nature of Viruses and Microbes,'" Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 11, pp 76-79.

Institute of Virusology, Moscow, Annotatsii Rabot Instituta Virusologii A Med Nauk SSSR Za god 1949, (Annotations on the Works of the Institute of Virusology, Academy of Medical Sciences USSR, During the Year 1949), Reviewed by Prof A. T. Kravchenko, Moscow, 1950, 32 pp.

Kalina, G. P., and Bryzgunova, Ye. V., "Phasic Development and Variability of Microorganisms, Report VIII, The Formation of Filterable Forms of Bacteria in the Presence of Mechanical and Physical Action on the Microbe Population," Zhur Mikrobiol, Epidemiol i Immunobiol, 1951, No 2, pp 26-28.

Katsnel'son, R., "A Comparative Study of Yeasts Cultured on Different Media," Iz NI imeni P. F. Lesgaft (Reports of the P. F. Lesgaft Scientific Institute), 1937, Vol XX, Issue 3, pp 51-62.

Kvashnina, A. S., "On the Stability of the Fibrinolytic Properties of Bacteria," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 5, pp 69-73.

Kechek, N. A., "On the Problem of the Retention of Viability by Hard Smut Chlamydospores in the Soil," Iz Ak Nauk Arm SSR, 1950, Vol III, No 1, pp 29-37.

Kleyn, B. I., "Recollections of D. K. Zabolotnyy (Microbiologist and Epidemiologist; On the Twentieth Anniversary of His Death)," Vrachebnoye Delo, 1950, No 1, pp 13-16.

Klemparskaya, N. N., "Hyaluronidase in Bacteria Commensal in the Human Body," Zhur Mikrobiol Epidemiol i Immunobiol, 1950, No 1 pp 31-35.

Kozlov, Yu. A., Pitatel'nye sredy Meditsinskoy Mikrobiologii (Nutrient Media in Medical Microbiology), Handbook on the Preparation of Nutrient Media for Microbiological Institutes and Sanitation-Bacteriology Laboratories, Moscow, 1950, 252 pp.

S-E-C-R-E-T

50X1-HUM

Konferentsiya po Mikrobiologii (Conference on Microbiology), Yalta, 1950,  
Theses of Papers Delivered to the Conference on Microbiology, Yalta, 1950,  
 39 pp, Ministerstvo Pishchevoy Prom SSSR, Glave Uprav Vinodel'cheskoy Prom,  
 "s NII Vinodeliya i Vinogradarstva 'Magarach,' (Ministry of Food Industry  
 USSR, Chief Administration of Wine-Making Industry, "Magarach" All-Union  
 Scientific-Research Institute of Viniculture and Viticulture).

Korsakova, M. P., and Zabrodina, O. L., "The Role of Dissociation in the Inter-  
 Relationships Between Phages and Krause-Sonne Bacteria," Zhur Mikrobiol,  
Epidemiol i Immunobiol, 1950, No 4, pp 102-106.

Korsakova, M. P., and Zabrodina, O. L., "The Course of Development of Bacterial  
 Cultures and the Formation of Bacteriophage," Sbornik Nauchnykh Rabot  
Vologod NII Epidemiol i Mikrobiol, (Collection of Scientific Works of the  
 Vologda Scientific-Research Institute of Epidemiology and Microbiology),  
 1950, No 1, pp 92-102.

Kosikov, K. V., "Directed Variation in the Characteristics of Microorganisms  
 Under the Influence of Preparations Derived From Related Strains," Trudy  
Inst Genetiki Ak Nauk SSSR, (Proceedings of the Genetics Institute of  
 the Academy of Sciences USSR), 1950, No 18, pp 185-194.

Kosikov, K. V., "Variation in the Fermentative Characteristics of Hybrid Yeasts  
 Under the Influence of Cultivation Conditions," Trudy Inst Genetiki Ak  
Nauk SSSR, (Proceedings of the Genetics Institute of the Academy of Sci-  
 ences USSR), 1950, No 18, pp 195-209.

Kosmodamianskiy, V. N., "Recollections of Academician D. K. Zabolotnyy" (Lec-  
 ture to the Scientific Conference of the Leningrad Division of the All-  
 Union Society of Microbiologists, 12 January 1950), Zhur Mikrobiol, Epi-  
demiol i Immunobiol, 1951, No 1, pp 15-18.

Kotova, T. I., "Sporogenesis in Coccic Forms of Microbes," Zhur Mikrobiol,  
Epidemiol i Immunobiol, 1950, No 1, pp 36-39.

Krasikov, D. S., "Cultivation of Leptospira on an Artificial Nutrient Medium,"  
Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 8, pp 53-54.

Krotova, T. A., "Directed Variation in the Characteristics of Dysenteric Bac-  
 teria," Zhur Mikrobiol, Epidemiol i Immunobiol, 1951, No 2, pp 28-33.

Kudlay, D. G., "On the Significance of External Appearance of a Colony for  
 the Study of Variability in Dysenteric Bacteria," Zhur Mikrobiol, Epi-  
demiol i Immunobiol, 1950, No 12, pp 40-46.

Kuprevich, V. F., "New Species of Rust Fungi From Tadzhikistan," Botaniches-  
kiye Materialy Otdel Sporovykh Rasteniy Botan Inst imeni Komarova, (Bo-  
 tanical Materials of the Division of Sporous Plants, Botanical Institute  
 imeni Komarova), Vol VI, Issues 7-12, 1950, pp 169-172.

Kusina, Ye. P., "Morphological Changes in Diphtheria Bacteria Under the In-  
 fluence of Penicillin," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950,  
 No 2, pp 15-18.

Kushnarev, M. A., "Elements of Variability in the Golden Staphylococcus,"  
Mikrobiol Zhur, Kiev, 1950, Vol XII, No 1, pp 53-60.

Lebedeva, M. N., Rukovodstvo k Prakticheskim Zanyatnym Po Mikrobiologii  
 (Manual of Practical Studies in Microbiology), Moscow, 1950, 259 pp.

Leonov, N. I., "New Horizons in Science" (Concerning Contemporary Microbi-  
 ology), Oktyabr', 1950, No 6, pp 134-145.

S-E-C-R-E-T

50X1-HUM

- Leonov, N. I., "A New Stage in the Development of Microbiology" (Concerning G. M. Bosh'yan's Book On the Nature of Viruses and Microbes, an Account of a Lecture to the Scientific-Methods Conference of Workers in Higher Institutes of Learning of the Ministry of Agriculture), Trudy Mosk. Vet Akademii (Works of the Moscow Veterinary Academy), 1950, Issue 7, pp 315-323.
- Leonov, N., "The Nature of Invisible Creatures" (About the Discoveries of G. M. Bosh'yan), Smena (Change), 1950, No 12, pp 10-11.
- Liberman, L., "Daniil Kirillovich Zabolotnyy (On the Twentieth Anniversary of His Death)," Mikrobiol Zhur, Kiev, 1950, Vol XI, No 4, pp 5-14.
- Liberman, L. A., "The Bacteriophage Str. lactis in the Ripening Process of Holland Cheeses," Mikrobiol Zhur, Kiev, 1951, Vol XIII, No 1, pp 69-82.
- Linnik, F. A., "The Influence of Gramicidin S and Specific Bacteriophage on the Oxidation-Reduction Reactions of Staphylococci," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 1, pp 92-103.
- Linnik, F. A., "Variability in the Fermentative [Enzymatic?] Properties of Microbes of the Typhoid-Paratyphoid Groups Under the Influence of Various Factors, Reports I, II, III, IV," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 1, pp 31-52.
- Lipshits, V. V., "The Significance of the Oxidation-Reduction Potential of Nutrient Media for the Cultivation of Cells of Cl. welchii Holland (B. perfringens) Which Had Been Damaged by Heat," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 1, pp 104-116.
- Makashvili, Ye. G., and Gogoladze, Z. D., "The Influence of Bacteria on the Activity of Bacteriophage," Trudy Tbilisi NII Mikrobiol Epidemiol i Bacteriol, 1950, Vol II, pp 23-27.
- Medvinskaya, L. Yu., "The Phage-Sensitivity and Serological Properties of Str. lactis," Mikrobiol Zhur, Kiev, 1951, No 1, pp 54-68.
- Metelkin, A. I., "A. M. Bezredka and His Significance for Microbiology (On the Tenth Anniversary of His Death)," Zhur Mikrobiol Epidemiol i Immunobiol, 1950, No 8, pp 59-62.
- Milenushkin, Yu. I., "The Scientific-Literary Legacy of N. F. Gamaleya," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 8, pp 67-70.
- Mikhelson, R. S., Kolyaditskaya, L. S., and Shmurygina, A., "A Comparative Study of the Lytic Activity of Dry and Liquid Bacteriophage," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 4, pp 96-102.
- Movsesyan, A. M., Biryuzova, V. I., and Zolkover, A. M., "Study of the Morphology of the Bacteriophage of Str. lactis With the Aid of the Electron Microscope," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 3, pp 61-64.
- Muzychenko, A. G., "The Preservability of Dysenteria Bacteriophage in Vacuum and in Oxygen" (Preliminary Report), Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 4, p 106.
- "Directed Variability of Microorganisms, Report 1," A. G. Vasilenko, "Directed Development of Antagonistic Characteristics in Sporous Aerobes," Zhur Mikrobiol, Epidemiol i Immunobiol, 1951, No 1, pp 34-36.
- Nauchnaya Sessiya Ukrainskikh Institutov Epidemiol i Mikrobiol Tezisy Dokladov k Nauchnoy Sessii Ukrainskikh Institutov Epidemiol i Mikrobiol B Gorode Odesse (Scientific Session of the Ukrainian Institutes of Epidemiology)

S-E-C-R-E-T

50X1-HUM

and Microbiology, Odessa; Theses of Lectures Delivered to the Scientific Session of the Ukrainian Institutes of Epidemiology and Microbiology in the City of Odessa), (30 May - 3 June 1950), 63 pp.

Nevodovskiy, G. S., "New or Little-Studied Aspects of Kazakhstan Mycoflora," Botanicheskiye Materialy Otdel Sporovykh Rasteniy Botan Inst. imeni Komarova, 1950, Vol VI, Issues 7-12, pp 172-185.

Nechayevskaya, M. R., "On the Diffusion Factor in Anaerobic Microbes," Vracheboye Delo 1951, No 2, pp 147-150.

Novotel'nova, N. S., "New Representatives of Mucoraceous Fungi," Botanicheskiye Materialy Otdel Sporovykh Rastenii Bot Inst imeni Komarov, 1950, Vol VI, Issues 7-12 pp 155-161.

Noskov, A. I., "The Influence of Chemical and Physical Factors on Certain Toxic and Pathogenic Fungi," Zhur Mikrobiol Epidemiol i Immunobiol, 1950, No 9, pp 30-35.

Obukhova, O. V., and Soboleva, N. N., "On the Presence of a Propagation Factor in Cultures of Saprophytic Sporous Bacteria," (Concerning the Priority of the Russian Scientist Yegorov According to the Contents of His Article "On the Absorption of Bacteria by the Lymphatic Glands," Published in Russkiy Arkhiv Patologii, (Russian Archive of Pathology), Vol IX, 1900), Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 12, pp 68-69.

Ovcharova, T. P., Biryuzova, V. I., and Zolkover, A. M., "On the Morphology of Bacteriophage," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 1, pp 9-11.

Orekhovich, V. N., Bosh'yan, G. M., "On the Nature of Viruses and Microbes, Review," Voprosy Med Khimii, 1950, Vol II, pp 238-245.

Pelevina, M. V., "The Influence of Freezing Temperatures on Microbes in Connection With Desiccation and Preservation of the Dry Cultures Under Nitrogen," (printed in condensed form), Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 9, pp 35-36.

Pelevina, M. V., "Optimal Conditions for the Preservation of Pathogenic Microbes in Dry Vacuum Cultures," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 1, pp 65-69.

Pershin, G. N., and Kulakova, A. F., "The Influence of Certain Disinfectant and Chemotherapeutic Compounds on Hydrolytic Enzymes of Bacteria," Voprosy Med Khimii, 1950, Vol II, pp 33-46.

Polyakov, A. A., "The Destruction of Brucella in Sandy Soil by the Action of Disinfectants," Trudy Mosk Vet Akademii, 1950, Issue 7, pp 127-151.

Popovich, A. Ya., "Directed Variability of Microorganisms, Report 3, The Directed Transformation of Typhoid Bacteria Into Paratyphoid," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 2, pp 21-24.

Pshenichnov, A. V., and Mitrofanova, V. I., "Potential Synergism of Bacteriophage and Penicillin in Vitro and in Experiments With Mice," Trudy Molotovskogo Gos Med Inst (Works of the Molotov State Medical Institute), 1950, Issues 24-25, pp 269-275.

Ryzhkov, V. L., "An Attempt at the Classification of Viruses," Voprosy Med Virusologii (Problems of Medical Virusology), 1950, Issue 3, pp 9-19.

S-E-C-R-E-T

50X1-HUM

- Satunovskaya, S. P., "Antagonistic and Antibiotic Characteristics of Enterococci," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 1.
- Sviridova, T. A., "Concerning the Diffusion Factor in Certain Species of Bacteria and a Method for its Determination," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 1, pp 51-53.
- Skomorokhov, O. L., "On the Nature of Viruses and Microbes," Sots Tvarinnitsvo (Socialistic Livestock Breeding), Kiev, 1950, No 6, pp 46-48.
- Smaliy, V. T., "The Oxidation of Various Ammonia Compounds by Nitrifying Bacteria," Mikrobiol Zhur, Kiev, 1950, Vol XI, No 4, pp 25-33.
- Solov'yev, V. D., "On Some General and Particular Problems in Virusology," Zhur Mikrobiol, Epidemiol, i Immunobiol, 1950, No 1, pp 3-9.
- Somov, P. V., and Lang, N. N., "Variability in Tularemia Bacteria," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 6, pp 47-52.
- Somova, A. G., "Vegetative Hybridization of Bacteria, Report II, Pathogenic Characteristics of Para-Agglutinating Strains of Intestinal Bacilli," Zhur Mikrobiol, Epidemiol i Immunobiol, 1951, No 2, pp 16-21.
- "The Phasic Development and Variability of Microorganisms, Report IV," I. I. Rybas, "Preliminary Data on Obtaining Variants in the Early Phases of Development of Gaertner Bacteria," Zhur Mikrobiol Epidemiol i Immunobiol, 1950, No 12, pp 8-10.
- Stolygvo, N. S., "On the Problem of Inactivation and Reactivation of Microorganisms," Iz Ak Nauk Lat SSR (Reports of the Academy of Sciences Latvian SSR), 1950, No 10 (39), pp 71-82.
- Strazhesko, N. D., "Daniil Kirillovich Zabolotnyy (Microbiologist and Epidemiologist, 1866-1929; Recollections)," Vrachebnoye Delo, 1950, No 1, pp 7-12.
- Streshinsky, M. O., "Directed Variation in the Capacity for Formation of Antibiotic Substances in the Bacterial Form of the Group Bac subtilis," Trudy Inst Genetiki Ak Nauk SSSR, 1950, No 18, pp 210-214.
- Sukhov, K. S., and Vovk, A. M., "Variability in the Tobacco Mosaic Virus Upon Passage Through the Organism of Plants of Various Species," Trudy Inst Genetiki Ak Nauk SSSR, 1950, No 18, pp 215-236.
- Sukhov, K. S., and Nikiforova, G. S., "Physiological Conditions Stimulating Reproduction of the Tobacco Mosaic Virus in Plant Cells," Trudy Inst Genetiki, Ak Nauk SSSR, 1950, No 18, pp 237-246.
- Tauson, V. O., Osnovnye Polozheniya Rastitel'noy Bioenergetiki, M-L, Izd Ak Nauk SSSR (Fundamental Aspects of Plant Bioenergetics, Moscow/Leningrad, Academy of Sciences USSR Press), 1950, 552 pp, illustrated.
- Tovarnitskiy, V. I., "The Effect of Detergents, Soaps, and Dyes on Bacteria and Viruses," Obzor Inostr Lit (Survey of Foreign Literature), Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 11, pp 93-96.
- Trofimova, N. D., "On Antagonistic Characteristics in Dwarf Forms of Micrococcii," Zhur Mikrobiol, Epidemiol, i Immunobiol, 1950, No 1, pp 28-31.

S-E-C-R-E-T

S-E-C-R-E-T

50X1-HUM

"The Propagation Factor in the Bubonic-Plague Microbe, Report II," Ye. I. Korobkova, "The Detection of Hyaluronidase in the Bubonic-Plague Microbe," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 10, pp 66-73.

Fedorov, M. V., Rukovoistvo k Prakticheskim Zanyatnyam Po Mikrobiologii (Manual of Practical Studies in Microbiology), second revised and supplement edition.

Fisher, G. M., "Resistance to Cold in Dysenteria and Paratyphoid Microbes," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 4, p 95.

Fisher M. N., "Biological Antiseptics (Bacteriophages, Antibodies, and Antibiotics) as Factors of Specific Prophylaxis, Therapy, and Diagnostics," Trudy Leningradskogo San-Gig Inst (Works of the Leningrad Sanitation-Hygiene Institute), 1950, Vol V, pp 8-16.

Fisher, M. N., Volkova, V. G., and Sergacheva, L. P., "The Characteristics of Penicillin Preparations in Antibacterial Action on Pathogenic Bacteria," Trudy Leningradskogo San-Gig Inst, 1950, Vol V, pp 154-162.

Khalabuda, T. V., "New Species of the Genus Penicillium Link," Botanicheskiye Materialy Otdel Sprosvykh Rasteniy Botan Inst imeni Komarova, 1950, Vol VI, Issues 7-12, pp 161-169.

Khalabuda, T. V., "On Certain Physiological Peculiarities and Fermentative [Enzymatic?] Activity in Species of Penicillium Link, Pathogenic to Wheat Kernels," Mikrobiol Zhur, Kiev, 1951, Vol XIII, No 1, pp 104-116.

Khinchuk, A. G., "Variability of the Hemolytic Streptococcus in Animal Organisms Under the Influence of Penicillin," Zhur Mikrobiol, Epidemiol i Immunobiol, 1951, No 1, pp 45-48.

Tsuverkalov, D. A., "Investigation of the Allergic Principle of Brucella Cells," Ukr Biokhim Zhur (Ukrainian Biochemical Journal), 1951, Vol XXIII, No 1, pp 31-37.

Chernomordik, A. B., "On the Priority of Russian Scientists in the Field of Microbiology" (The Research of N. F. Vysotskiy "On the Blue Coloring in Suppuration," published in 1889), Iz Ak Nauk Belorus SSR, 1950, No 4, pp 171-173.

Chastovich, G. N., "Staphylococcal Lecithinase," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 10, pp 54-57.

Shubladze, A. K., and Selimov, M. A., "On the Virus of Epidemic Parotitis," (Abstract of a Paper Delivered at the Second Scientific Session of the Institute of Virology, Academy of Medical Sciences USSR), Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 11, pp 37-45.

Shur-Schultz, V. N., "The Influence of Bacteriophage on the Formation of Catalase and Fermentation of Carbohydrates by Certain Bacteria," Mikrobiol Zhur, Kiev, 1950, Vol XI, Issue 4, pp 62-73.

Yurkovich, V. V., O Nekotorykh Vzaimosvyazyakh Fermentativnovo Apparata Kletki i Vneshney Sredy (On Certain Interrelationships Between the Fermentative Apparatus of Cells and the External Medium), Dissertation for the Degree of Candidate in Biological Sciences, Sverdlovsk, 1950, 12 pp.

S-E-C-R-E-T

50X1-HUM

Yablokova, V. A., "A Cytophysiological Investigation of *Ustilago tritici* (F. s) Jens. in the Wheat Pericarp and in Vitro," Iz Ak Pedagog Nauk RSFSR (Reports of the Academy of Teaching Sciences RSFSR, 1950, No 29, pp 87-108.

## AGRICULTURAL MICROBIOLOGY

Soil Microbiology, Bacterial Fertilizers

Akhromeyko, A. I., "The Role of Mycorhiza in the Life of a Forest," Lesnoye Khoz, (Forest Economy), 1950, No 5, pp 18-24.

Bershova, O., "The Effect of Certain Antibiotics on Azotobacter," Mikrobiol Zhur, Kiev, 1950, Vol XI, No 4, pp 34-42.

Bershova, O. I., "The Variability of Azotobacter Under the Influence of Certain Nitrogen Compounds and Microcells," Mikrobiol Zhur, Kiev, 1951, Vol XIII, No 1, pp 32-53.

Bogovol'skiy, M. D., "A Study of the Bacteriostatic Characteristics of the Soil in Relation to Coli-Paracoli Bacteria," Mikrobiol Zhur, Kiev, 1951, Vol XII, No 1, pp 39-66.

Vavulo, F. P., "The Influence of Indigenous Stocks of Azotobacter on the Summer Harvest of Wheat From Lowland Peat Soils," Iz Ak Nauk Belorus SSR, 1950, No 6, pp 51-55.

Vanin, S. I., and Akhremovich, M. B., "Certain New Data Concerning Mycorhiza," Trudy Lesotekh Ak imeni S. M. Kirova (Works of the Forest Technology Academy imeni S. M. Kirov), 1950, No 69, pp 19-36.

Geller, I. A., and Khariton, Ye. G., "The Influence of Oxidation-Reduction Processes of the Soil on the Life Activity of Azotobacter," Mikrobiol Zhur, Kiev, 1950, Vol XIII, No 3, pp 30-39.

Daraseliva, N. A., "Microflora of the Rhizosphere of the Tea Shrub," Byull v-s NII Chaya i Subtrop Kul'tur (Bulletin of the All-Union Scientific-Research Institute of Tea and Subtropical Crops), 1950, No 3, pp 42-58.

Zaytseva-Onikiyenko, A. I., "Mushroom Root (Gribokoren') - An Example of Mutual Assistance in the Plant World," Yestestvoznanie v Shkole (Natural Science in the School), 1950, No 5, pp 21-26.

Zerova, M. Ya., and Vorob'yev, D. V., "Ectotrophic Mycorhiza on Species of Trees and Bushes in the Steppe Environment of the Ukrainian SSR," Botan Zhur, Kiev, 1950, Vol VII, Issue 1, pp 67-81.

Zinov'eva, Kh. G., "The Influence of the Rhizospheres of Certain Agricultural Crops on Azotobacter, Report 1," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 1, pp 67-81.

Zinov'eva, Kh. G., and Savchenko-Bel'skaya, O. T., "Some Data on Indigenous Strains of Azotobacter," Mikrobiol Zhur, 1949, Vol XI, Issue 3, pp 3-9.

Isakova, A. A., and Aniskina, Z. N., "Microbiological Processes in the Rhizosphere and Bacteriorhiza of Perennial Grasses and Methods for Regulating These Processes," Sov Agron (Soviet Agronomy), 1950, No 12, pp 35-43.

S-E-C-R-E-T

50X1-HUM

Klyushnik, P. I., "On the Mycorrhiza of the Oak," Lesnoye Khoz, 1951, No 4, pp 81-84.

Krasovskaya, I. V., and Smirnova, A. D., "The Utilization of Mycorrhiza in Planting Acorns in the Arid Environment of Saratov Oblast," Les i Step' (Forest and Steppe), 1950, No 2, pp 29-37.

Lazarev, S. F., "Soil Microorganisms and the Nourishment of the Cotton Plant," Sov Agron, 1951, No 1, pp 11-17.

Morochkovskiy, S. F., and Radziyevskiy, G. G., "Experience With the Production of Mycorrhiza of the White Mushroom on Oak Seedlings Under Artificial Conditions," Botan Zhur, Kiev, 1950, Vol VII, No 1, pp 60-66.

Obraztsova, A. A., "The Significance of Phosphorus in the Application of Azotobacter Preparations," Trudy Gor'kovskovo Sel'skhoz Inst, (Works of the Gor'kiy Agricultural Institute), 1950, Vol VI, No 2, pp 43-52.

Pontovich, V. E., "Nitrification Under Conditions Obtaining in High-Mountain Regions," Trudy Inst Fiziologii Rasteniy im K. A. Timiryazeva (Works of the Institute of Plant Physiology imeni K. A. Timiryazev), 1950, Vol VII, No 1, pp 51-66.

Smirnova, V. I., Changes in the Microbiological Activity of the Eluvial Level of Sod-Podzol Soils With Cultivation, Dissertation for the Degree of Candidate in Agricultural Sciences, 1950, 7 pp.

Smoliy, V. T., "A Study of the Influence of Microorganisms on the Seed Germination and Growth of Kok-Saghyz," Mikrobiol Zhur, Kiev, 1951, Vol XIII, No 1, pp 20-31.

Sushkina, N. N., "The Ecological-Geographical Distribution of Azotobacter in the Soils of the USSR," Pochvovedeniye. (Soil Science), 1950, No 8, pp 501-505.

Fedorov, M. V., "The Fixation of Atmospheric Nitrogen by Clostridium Pasteurianum in the Presence of Various Nitrogen Compounds," Sob Pamyati Akademika D. N. Pryanishnikova (Collection of Papers in Commemoration of Academician D. N. Pryanishnikov), 1950, pp 169-173.

Fomin, A. Ye., The Utilization of Forest Soil Microorganisms for Acceleration of the Growth of Tree Shelter Belts. (Agricultural Consultation). Saratov, 1951, 5 pp.

Khudyakova, Yu. A., Comparative Characteristics of Azotobacter Cultures, Dissertation for the Degree of Candidate in Biological Sciences, Moscow, 1950, 8 pp.

#### Bacterial, Virus, and Fungus Diseases of Plants

Agarkov, V. A., "Parasitization of the Botrytis Fungus on Buckwheat and Esparsette," Selekts i semenovod (Selection and Seed Growing), 1950, No 10, pp 67.

Agricultural Specifications on Mulberry Cultivation for the Silkworm-Breeding Regions of the Ukrainian SSR, for 1951, Kiev/Khar'kov, 1951, 83 pp.

Alimidzhanov, R. A., Pests and Diseases of Alfalfa in Uzbekistan and Measures for Combating Them, Tashkent, 1950, 68 pp.

S-E-C-R-E-T

50X1-HUM

- Arutyunyan, Ye. S., "Data on Injurious Microflora of Zangezur Forests," Iz Ak Nauk Arm SSR, 1950, Vol III, No 7, pp 575-584.
- Arkhipov, V. D., "On the Treatment of Acorns With Fungicides," Lesnoye Khoz, 1951, No 1, p 80.
- Bel'tyukova, K. I., and Bakalinskaya, Ye. A., "Results of an Investigation of Bacterioses Infecting Grain Crops in the Ukrainian SSR, Report II, Bacterial Mottling of Sorghum," Mikrobiol Zhur, Kiev, 1950, Vol XII, Issue 1, pp 3-10.
- Blazhko, A. I., "Frothy Rot in Firs of Siberian and Altay Forests, Lesnoye Khoz, 1950, No 12, pp 81-82.
- Bobrovskiy, A. A., and Gulyayev, V. V., Injurious Insects and Fungus Diseases in Field-Protective Forest Cultivation in Tatarstan [Tatar ASSR], Kazan', 1950, 80 pp.
- Bordukova, M. V., Diseases and Pests of the Potato, Moscow 1950, 132 pp.
- Brezhnev, I. Ye., "Parasitic and Saprophytic Microflora of Varieties of Trees and Shrubs in Field-Protective Tree Belts," Ucheniye Zapiski Leningrad University imeni Zhdanova Ser Biol Nauk (Scientific Notes of Leningrad State University imeni Zhdanova, Biological Sciences Series), 1950, Issue 25, pp 70-129.
- Burda, N. I., "On the Utilization of Coal-Tar Products in Combating the Pests and Diseases of Truck Garden Produce and Potatoes," Nauchnye Trudy Ukr NII Ovoshcheyodstva (Scientific Works of the Ukrainian Scientific-Research Institute of Vegetable Growing), 1950, Vol II, pp 247-254.
- Vanin, S. I., et al, An Indicator of Diseases of Varieties of Trees and Shrubs Used for Field Shelter Plantings, Moscow/Leningrad, 1950, 151 pp.
- Varlamov, M. A., "The Fight Against Pests and Diseases of Alfalfa in Irrigated Regions," Agrotehnika Lyutserni Na Polivnykh Zemlyakh (Agricultural Engineering of Alfalfa on Irrigated Soils), Tashkent, 1950, pp 91-108.
- Vasil'yev, A. A., Gummoses of the Cotton Plant and Measures for Combating Them, ed by F. I. Uchevatkin, Tashkent, 1951, 35 pp.
- Vatolkina-Yestifeyeva, K. A., The Fight Against Diseases of the Cotton Plant in Nonirrigated Cotton-Sowing Regions, Moscow, 1951, 40 pp.
- Verderevskiy, D. D., "The Significance of Spraying the Undersides of Leaves in Combating Mildew," Vinodeliye i Vinogradarstvo SSSR, 1950, No 4, p 28.
- Verderevskiy, D. D., and Voytovich, K. A., "Concerning the Times for Spraying Vineyards to Combat Mildew," Vinodeliye i Vinogradarstvo, 1950, No 3, pp 40-44.
- Voronkevich, I. V., "Vegetable Residues -- A Source of Disease Propagation in Tomatoes," Sad i Ogorod (Garden and Orchard), 1950, No 9, pp 57-58.
- Gorlenko, M. V., Plant Diseases and the External Environment (Essays on the Biology and Ecology of Plant Parasites), Moscow, 1950, 120 pp.
- Grushevoy, S. Ye., Diseases of Tobacco and a Program of Measures for Combating Them, Moscow, 1950, 192 pp.

S-E-C-R-E-T

50X1-HUM

Dorozhkin, N. A., "Black Fallow as a Means of Combating Potato Canker," Iz Ak Nauk Belorus SSR, 1951, No 1 pp 137-140.

The Protection of Vegetable and Potato Crops Against Diseases, on the Basis of Higher Agricultural Engineering Systems in Grassland Crop Rotation (Informational Directions), Leningrad, 1950, 15 pp.

Ivanov, Ye. N., Fests and Diseases of Alfalfa and Grasses and Means of Combating Them, Lecture for 3-Year Agricultural Engineering Courses for Mass Instruction of Kolkhoz Cadres Without Interruption of Production. (One Year of Training) Tashkent, 1951, 40 pp.

Instruktsiya Po Bor'be c Vreditelyami i Boleznyami Zashchitnykh Lesonasazhdennyi Na Zemlyakh Goslesfonda, Kolkhozov i Sovkhozov v Stepnykh i Lesostepnykh Rayonakh Evropeyskoy Chasti SSSR (Instructions for Combating Pests and Diseases of Protective Forest Plantings on the Lands of Goslesfonds (State Forest Reserves), Kolkhozes, and Sovkhozes in Steppe and Forest-Steppe Rayons of European USSR), Ministry of Forest Economy USSR, Moscow/Lenigrad, 1950, 28 pp.

Korshunova, A. F., "Agricultural Measures for the Reduction of the Susceptibility of Seeds to Alternariose Infection" (On the Sanitation of Seeds in Crucifer Culture), Selekts i Semenovod, 1951, No 2, pp 63-65.

Kravtsev, B. I., "Fungus Diseases of Poplars in Kazakhstan," Iz Ak Nauk Kazakh SSR, 1950, No 5, pp 106-130.

Lavrov, N. N., "Diseases of Apple Trees in Siberia," Byul Sibirskovo Botan Sada (Bulletin of the Siberian Botanical Gardens), 1950, No 2, pp 3-57.

Leont'yeva, Yu. A., "Preparations for Use in Combating White Rot in Grapes," Vinodeliye i Vinogradarstvo SSR, 1951, No 4, pp 43-44.

Methodical Instructions for Productional Testing of Boron for Use in Combating Necrosis in Vine Sets, Kishinev, 1950, 8 pp.

Mikhaylovskiy, V. S., "The F<sub>1</sub> Against White Mottling of the Leaves of the Black Currant," Sad i Ogorod, 1950, No 12, pp 33-34.

Naumov, N. A., and Danilova, T. D., "Fungi on the Siberian Acacia Caragana arborescens," Ucheniye Zapiski Leningrad U imeni Zhdanova, Ser Biol Nauk, 1950, Issue 25, pp 52-69.

Nemliyenko, F. Ye., "Corn-Cob Disease," Selekts i Semenovod, 1950, No 12, pp 69-70.

Novikova, N. S., "Are Kok-Saghyz Seeds the Source of Infection in Bacterial Withering of the Kok-Saghyz Peduncle?" Mikrobiol Zhur, Kiev, 1950, Vol XII, No 4, pp 99-104.

Paterilo, G. A., "Summer Spraying of Seedling Gardens to Combat Black Canker," Vinodeliye i Vinogradarstvo, 1950, No 3, pp 44-45.

Paterilo, G. A., "Autumn Spraying of Citrus Crops," Vinodeliye i Vinogradarstvo Moldavii (Viniculture and Viticulture of Moldavia), 1950, No 4, p 45.

Podufalyy, T. I., "The Significance of Perennial Grasses in Combating Chlorosis of Fruit Trees." Sov Agron, 1951, No 4, pp 92-94.

S-E-C-R-E-T

50X1-HUM

- Polyakova, N. F., "The Botrytis Fungus and Its Role in the Withering of Cabbage Pericarps," Sad i Ogorod, 1950, No 10, pp 66-68.
- Potlaychuk, V. I., "Biological Specialization of the Causative Agent of Potato Canker," Selekts i Semenovod, 1951, No 2, pp 36-39.
- Prisyazhnyuk, A. A., "On the Infectibility of Varieties of Summer Wheat by the Leaf Borer of Wheat Mildew and Measures for Combating It in Conditions of Field-Shelter Forest Plantings," Iz Ak Nauk Belorus SSR, 1951, No 1, pp 131-135.
- Potato Canker -- A Dangerous Quarantine Disease, Moscow, 1950, 8 pp.
- Manual on Combating the Principal Pests and Diseases of Kok-Saghyz and Guayule, Moscow, 1950, 17 pp.
- Rusakova, A. A., "A Method for Combating the Tomato Mottling Borer in Indoor Soil," Sad i Ogorod, 1951, No 1, pp 64-66.
- Sjadkomedova, A. I., "The Treating of Carrot Seeds With Fungicide in Combating Diseases," Selekts i Semenovod, 1950, No 12, pp 64-66.
- Snegovskiy, I. F., "Sprays for the Protection of Forest Cultures From Pests and Diseases," Les i Step', 1950, No 5, pp 62-72.
- Conference on the Problems of Combating Pests and Diseases of Field-Shelter Tree Belts, February 1950. Resolutions of the Conference on Problems of Combating Pests and Diseases of Field-Shelter Tree Belts, 10 - 15 February 1950, Moscow/Leningrad, 1950, 27 pp.
- Storchevoy, A. L., Pests and Diseases of Alfalfa and the Development of Measures for Combating Them, Stavropol', 1950, 87 pp.
- Sukhorukov, K. T., and Novoselova, A. N., "On the Physiology of 'Black' [black rot?], Byul Glav Botan Sad (Bulletin of the Main Botanical Garden), 1950, Issue 6, pp 48-50.
- Tipograf, D. Ya., Etiology and Diagnostics of Ring Rot in Potatoes, Qualifying Dissertation in Competition for the Degree of Candidate in Biological Sciences, Moscow, 1951, 8 pp.
- Flerov, S. K., "The Protection of State Tree Belts From Pests and Diseases," Lesnoye Khoz, 1950, No 10, pp 78-79.
- Fomin, Ye. Ye., and Ryss, R. G., "Diseases and Pests of Vegetable, Melon, and Potato Crops in the Ukraine in 1947 and 1948," Nauchnyye Trudy Ukr NII Ovoshchvodstva (Scientific Works of the Ukrainian Scientific Research Institute of Vegetable Growing), 1950, Vol II, pp 291-301.
- Khachatryan, G. A., "Stalk Borer Withering of the Potato in Armenia and Its Transmission by Means of Graftings," Iz Ak Nauk Arm SSR, 1950, Vol III, No 12, pp 1,113-1,120.
- Khrshchonovich, V. G., "The Disinfection of Sunflower Seeds Infected With Sclerotinia," Sov Agron, 1951, No 1, pp 88-89.
- Tsilosani, G. A., "Bacterial Mottling of Tea Leaves in the Environment of West Georgia," Byul v-s NII Chaya i Subtrop Kultur (Bulletin of the All-Union Scientific-Research Institute on Tea and Subtropical Crops), 1950, No 2, pp 79-86.

S-E-C-R-E-T

50X1-HUM

Tsilosani, G. A., Bacterial Diseases of Tea in the Environment of West Georgia and Development of Measures for Combating Them, Dissertation for the Degree of Candidate in Biological Sciences, Moscow, 1951, 11 pp.

Shevchenko, F. P., "The Increase of Disease Resistance in Summer Crops by Means of Winter Sowing," Selekts i Semenovod, 1950, No 6, pp 53-55.

Shneyder, Yu. I., "Concerning the Times for Spraying Citrus Crops Against Bacterial Necrosis," Sad i Ogorod, 1950, No 11, pp 43-45.

Sherbin-Pafenenko, A. L., Endothia Canker and Ink Disease of the Edible Chestnut, Moscow/Leningrad, 1950, 72 pp.

Yuganova, O. N., and Sushitskiy, L. A., "The Utilization of Copper Naphthenate in Combating Diseases of Stone Fruits," Sad i Ogorod, 1950, No 12, pp 30-33.

Yagodkina, V. P., "The Study of Macrosporioses and Alternarioses," Brief Accounts of the VNIIMK (All-Union Scientific Research Institute of Oleaginous Crops) on Scientific Research Work During 1950, Krasnodar, 1951, pp 134-136.

Yagodkina, V. P., "Investigation of the Withering of the Peanut," Brief Accounts of the VNIIMK on Scientific Research Work During 1950, Krasnodar, 1951, pp 137-140.

#### Microbiology of Fodder

Zubrilin, A. A., et al., The Silo, Moscow, 1950, 280 pp.

Kozlovskiy, A. I., The Ensilage of Fodders in Siberia, Novosibirsk, 1950, 80 pp.

Rudakov, A. I., et al., "Preparation and Use of the Potato Silo," Sov Zootekhnika (Soviet Zootechnics), 1950, No 10, pp 78-88.

Ryabokon', A. S., Zakhar'yev, N. I., Obukhova, Z. D., "The Ensilage of Fodders in Collapsible, Portable, and Wall-less Towers," Sov Zootekhnika, 1950, No 7, pp 54-69.

Umov, S. S., The Production of Succulent Fodders, Ufa, 1950, 52 pp.

#### NUTRITIONAL AND TECHNICAL MICROBIOLOGY

Drabkin, B. S., "Concerning the Effect of Extracts of Certain Mold Fungi on Alcoholic Fermentation," Trudy Chkal Med Inst (Proceedings of the Chkalov Medical Institute), 1950, Issue 2, pp 99-102.

Zabrodskiy, V. G., The Fight Against Waste Due to Infection in the Alcohol Industry, Kiev/L'vov, Gostekhizdat Ukrainsky (State Technical Press of the Ukraine), 1950, 204 pp.

Kazakov, A. M., The Microbiology of Meat and Meat Products (Textbook for Technical Schools), Moscow, 1950, 144 pp.

S-E-C-R-E-T

50X1-HUM

- Lberman, L. A., "The Acid-Forming Capacity of Str. lactis on Pasteurized and Sterilized Milk," Mikrobiol Zhur, 1950, Vol XII, No 3, pp 45-52.
- Mironov, K. M., Biological Retting of Flax, Moscow, 1950, 75 pp.
- Nepomnyashchha, M. L., and Medvins'ka, L. Yu., "Methods of Raising Pure Cultures of Acetic-Acid Bacteria and Methods for Controlling Acidification in Such Cultures," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 3, pp 95-97.
- Shamis, D. L., and Boldyreva, K. V., "The Effect of Penicillin on Beer Sarcina," Iz Ak Nauk Kazakh SSR, Ser Mikrobiol, 1951, No 1, pp 52-56.
- Yudinova, A., "Methods of Cultivating Kefir Fungi," Molochnaya Prom, 1950, No 7, pp 28-29.

## MICROBIOLOGY OF WATER AND MEDICINAL MUDS

- Anan'in, V. V., "The Isolation of Leprosira of Pure Cultures of Type DV -- V (Monyakov) From Water," Zhur Mikrobiol Immunobiol i Epidemiol, 1950, No 8 pp 55-56.
- Bershova, O. I., "Microbiological Study of the Middle Dnepr," Mikrobiol Zhur, Kiev, 1950, Vol XII, Issue 2, pp 3-15.
- Bershova, O. I., "Microbiological Study of the Middle Dnepr," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 3, pp 3-29.
- Bershova, O. I., "Microbiological Study of the Middle Dnepr, Report III," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 4, pp 3-38.
- Bershova, O. I., "Microbiological Study of the Middle Dnepr, Report IV," Mikrobiol Zhur, Kiev, 1951, Vol XIII, No 1, pp 5- .
- Bilyanskiy, F. M., "The Influence of the Medicinal Mud of Kuyal'nitskiy Estuary on the Exogenous Microflora," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 4, pp 95-98.
- Godnev, T. N., "Concerning the Chlorophyll in a Bacteriod Organism of Sewage," Iz Ak Nauk Belorus SSR, 1950, No 6, p 167.
- Ivinya, E., "A Study of the Microflora of the Sulfur Waters of the Kemera Health Resort," Iz Ak Nauk Latv SSR, 1950, No 10 (39), pp 69-70.
- Ivinya, E., "A Study of the Morphology of Lactic Acid Bacteria," Iz Ak Nauk Lat SSR, 1950, No 11, pp 77-82.
- Maslovskaya, O. M., and Boryu, S. I., "Bacteriophage in the Zone of the River Volga Affected by Kuybyshev City," Trudy Kuybyshev Gos Med Inst (Works of the Kuybyshev State Medical Institute), 1950, Vol III, pp 49-51.
- Mashkov, A. V., and Gotovskaya, Ts. N., "On the Problem of a Method of Isolating the Causative Agent of Tularemia From Water," Zhur Mikrobiol, Epidemiol i Immunobiol, 1950, No 9, pp 70-72.
- Rodina, A. G., The Microbiological Study of Reservoirs, Moscow/Leningrad, 1950, 68 pp.
- Tartakovskaya, A. A., "Micromonospora of the Medicinal Mud of Kuyal'nitskiy Estuary," Mikrobiol Zhur, Kiev, 1950, Vol XII, No 3, pp 40-44.

- E N D -

- 16 -

S-E-C-R-E-T